

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 189551/PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2008/083005	International filing date (day/month/year) 10/11/2008	(Earliest) Priority Date (day/month/year) 09/11/2007
Applicant OSTEOTECH, INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No. III)

4. With regard to the **title**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____
☐ as suggested by the applicant
☐ as selected by this Authority, because the applicant failed to suggest a figure
☐ as selected by this Authority, because this figure better characterizes the invention
 b. ☒ none of the figures is to be published with the abstract

A. CLASSIFICATION OF SUBJECT MATTER
 INV. A61L27/24 A61L27/36
 ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 A61L B63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/79342 A2 (COLBAR R & D LTD [IL]; NOFF MATITIAU [IL]; SHAHAR PITARU [IL]) 25 October 2001 (2001-10-25) page 5, line 2 - line 32 page 8, line 10 - page 10, line 12 page 11, line 1 - page 12, line 24 examples 1-11 claims 1-64 ----- -/--	1-26



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

30 June 2010

Date of mailing of the international search report

07/07/2010

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040,
 Fax: (+31-70) 340-3016

Authorized officer

Menidjel, Razik

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 2005/081699 A2 (UNIV FLORIDA [US]; GOWER LAURIE B [US]; OLSZTA MATTHEW J [US]; DOUGLAS) 9 September 2005 (2005-09-09) page 3, line 26 - page 4, line 7 page 5, line 8 - page 6, line 13 page 13, line 29 - page 14, line 9 page 16, line 4 - line 18 page 21, line 8 - line 12 claims 1-76</p>	1-26
A	<p>US 2007/125700 A1 (DING JIANG [US] ET AL) 7 June 2007 (2007-06-07) page 1, paragraph 12 - paragraph 14 page 18, paragraph 90 page 18, paragraph 95 - page 19, paragraph 100</p>	1-26
A	<p>WO 03/025271 A1 (KUGA SHIGENORI [JP]; KIM DAE-YOUNG [KR]; NISHIYAMA YOSHIHARU [JP]) 27 March 2003 (2003-03-27) * abstract</p>	1-26
A	<p>US 5 902 562 A (LAGASSE ROBERT R [US] ET AL) 11 May 1999 (1999-05-11) column 3, line 15 - line 45 column 4, line 39 - line 45 claims 1-11</p>	1-26

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0179342	A2	25-10-2001	AT 354368 T 15-03-2007
		AU 784758 B2 08-06-2006	
		AU 5250001 A 30-10-2001	
		BR 0110312 A 18-02-2003	
		CA 2406972 A1 25-10-2001	
		DE 60126757 T2 15-11-2007	
		EP 1280545 A2 05-02-2003	
		JP 2004515451 T 27-05-2004	
		MX PA02010343 A 10-09-2004	
		US 2002019516 A1 14-02-2002	
WO 2005081699	A2	09-09-2005	NONE
US 2007125700	A1	07-06-2007	US 2007125703 A1 07-06-2007
WO 03025271	A1	27-03-2003	JP 2003082535 A 19-03-2003
US 5902562	A	11-05-1999	NONE